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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	(FFT and excising and threshold and ((narrow adj band) with interference))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:12
L2	2213	375/148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:15
L3	2055	375/285	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:14
L4	4026	375/346	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:14
L5	1063	375/144	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:15
L6	16	(FFT and excising and (frequency near bin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:17
L7	4	(FFT and excising and (frequency near bin) and (averag\$3 with power))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:22

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L8	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:24
L9	21	("4613978" "4658426" "5325204" "5383225" "5410750" "5422912").PN. OR ("5612978").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:24
L10	4	("5410750" "5612978").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:24
L11	0	10/672524	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:24
L12	207	FFT and (averag\$3 with power) and (excis\$3 or (interference with cancell\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:50
L13	110	FFT and (averag\$3 with power) and (excis\$3 or (interference with cancell\$5)) and ifft	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:24
L14	0	FFT and (future with (averag\$3 with power)) and (excis\$3 or (interference with cancell\$5)) and ifft	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:24
L15	1	(FFT and (averag\$3 with power) and (excis\$3 or (interference with cancell\$5)) and ifft).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:24
L16	48	(FFT and excising)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:24
L17	8	(FFT and (averag\$3 with power) and (excis\$3 or (interference with cancell\$5)) and ((previous or future) with power))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:26

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L18	0	(FFT and (averag\$3 with power) and (excis\$3 or (interference with cancell\$5)) and ((previous or future) with power)).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:24
L19	0	(FFT and (averag\$3 with power) and (excis\$3 or (interference with cancell\$5)) and ((previous or future) with power)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:24
L20	29	(FFT and excising and threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:24
L21	2	"6477196".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:28
L22	3	"6560445".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:29
L23	2	"20040253365".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:31
L24	1	"20070098094".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:31

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L25	0	"200400253365".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:39
L26	2	"20060176965".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:42
L27	2	"6,477,196".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/31 07:43
L28	14	12 and 2	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:51
L29	6	12 and 3	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:53
L30	21	12 and 4	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:57
L31	10	12 and 5	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/31 07:55

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Method and apparatus for excision of narrowband interference ...

The **FFT** produces contiguous frequency bins that are examined to identify narrowband ...

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A common approach is to define a threshold based on the **average power** in the ...

Ranheim presents a thresholding scheme which is applied to **excising** FLI ...

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The **average power** measured at the output of the waveguide was 220 mW (220 .mu.

After ablating or **excising** unwanted cells or tissue in the target area ...

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in Rayleigh fading and assuming equal **average power** in all branches is given by
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excising lead former ==> 链式带芯片切割/引线成形机 excitation ==> 励磁,激励 external feedback type magnetic amplifier ==> 外反馈形磁放大器 ...
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1. [Noise-excising Communications Receiver](#)

Latham, Nicholas Hugh James, *UNITED KINGDOM PATENT APPLICATION*, Mar 1997
patno:GB2304000

...set 6-12dB higher than the **average power** of the remaining signals across...impulses and is discarded. A **FFT** is performed on each of the...samples prior to performing a **FFT**. Return to Top of Patent CLAIMS...across the signal band; (ii) **excising** impulsive noise above the threshold...

Full text available at patent office. For more in-depth searching go to [view all 6 results from Patent Offices](#) [similar results](#)

2. [EXAMINING TISSUE ACCORDING TO DIELECTRIC PROPERTIES THEREOF](#)

HASHIMSHONY, Dan, *PATENT COOPERATION TREATY APPLICATION*, Jul 2003
patno:WO03060462

...surgical inaccuracy and inadequacy in **excising** the appropriate tissue; 4) failure to...Both pulses are then transformed by a **FFT** function to the frequency domain, i.e...since such a known technique relies on **average power** measurement, and not on voltage measurement...

Full text available at patent office. For more in-depth searching go to [view all 6 results from Patent Offices](#) [similar results](#)

3. [PERFORMANCE OF AN OFDM SPREAD SPECTRUM COMMUNICATIONS SYSTEM \[PS-25K\]](#)

Jun 1998

...system to a system using the **FFT**. 2. MODULATED LAPPED TRANSFORMS...M = 64. Whereas non-windowed **FFT** basis vectors yield sidelobes...that is significantly above the **average power** of the signal. The purpose...diversity, when the transform is the **FFT** and MLT. In all cases a 64-bin...

[<http://www.ecse.rpi.edu/homepages/saulnier/crl/papers/...>] [similar results](#)

4. [Direct sequence spread spectrum communications receiver and method for efficient narrow-band signal excision](#)

Swanke, Christopher J. / White, Steven L., *UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT*, Nov 2002

patno:US6477196

...mixer output with reduced **average power** per hertz. In addition...fast Fourier transforms (**FFT**) 227 to obtain the frequency spectrum. The **FFT** is known in the art and...signals are inhibited thus **excising** the narrow-band interfering...using a pseudo-real-time **FFT** followed by a bin magnitude...

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[**5. Airborne Radar Interference Suppression using Adaptive Three-Dimensional Techniques**](#)

[120K]

Oct 2002

...223 C.1 Target Power 223 C.1.1 Instantaneous Power,
Average Power, and Total Power 224 C.2 Noise Power...

[<https://research.maxwell.af.mil/papers/ay2002/afit/afi...>]

[similar results](#)

[**6. Method and system for examining tissue according to the dielectric properties thereof**](#)

Hashimshony, Dan, UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION, Oct 2003

patno:US20030187366

...surgical inaccuracy and inadequacy in **excising** the appropriate tissue; 4) failure to...Both pulses are then transformed by a **FFT** function to the frequency domain, i.e...since such a known technique relies on **average power** measurement, and not on voltage measurement...

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[**7. RADIO COMMUNICATION SYSTEM BASED ON CEPSTRAL MODULATION**](#)

FETTE, Bruce / LEAHY, Peter J., PATENT COOPERATION TREATY APPLICATION, May 2001

patno:WO0131872

...greater range at some **average power** level, although intervening...desirable tradeoff when the **average power** of transmission would...be extended from the **FFT** and then an IFFT may...is seen by the second **FFT** as a DC or constant value...

Full text available at patent office. For more in-depth searching go to  LexisNexis®
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[**8. Radio communication system and method of operation**](#)

Fette, Bruce / Leahy, Peter J., UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, May 2003

patno:US6560445

...greater range at some **average power** level, although intervening...desirable tradeoff when the **average power** of transmission would...be extended from the **FFT** and then an IFFT may...is seen by the second **FFT** as a DC or constant value...

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1. **Interference cancellation for OFDM systems in presence of overlapped narrowband transmission system**
Dan Zhang; Pingyi Fan; Zhigang Cao;
Consumer Electronics, IEEE Transactions on
Volume 50, Issue 1, Feb 2004 Page(s):108 - 114
Digital Object Identifier 10.1109/TCE.2004.1277848
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IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

1. **Frequency domain interference suppression in a DSSS system**
 Xiaowen Chen; Wei Guo; Yong Zheng;
Communications, Circuits and Systems and West Sino Expositions, IEEE 2002 Conference on
 Volume 1, 29 June-1 July 2002 Page(s):247 - 251 vol.1
[AbstractPlus](#) | Full Text: [PDF\(389 KB\)](#) IEEE CNF
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2. **A comparative performance evaluation of DMT (OFDM) and DWMT (DSBM communications systems for single and multitone interference**
 Akansu, A.N.; Xueming Lin;
Acoustics, Speech, and Signal Processing, 1998. ICASSP '98. Proceedings of International Conference on
 Volume 6, 12-15 May 1998 Page(s):3269 - 3272 vol.6
 Digital Object Identifier 10.1109/ICASSP.1998.679562
[AbstractPlus](#) | Full Text: [PDF\(312 KB\)](#) IEEE CNF
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3. **Narrow-band interference rejection using transform domain signal processing in DS/FH spread-spectrum system**
 Kumpumaki, T.J.; Isohookana, M.A.; Juntti, J.K.;
MILCOM '97 Proceedings
 Volume 1, 2-5 Nov. 1997 Page(s):89 - 93 vol.1
 Digital Object Identifier 10.1109/MILCOM.1997.648675
[AbstractPlus](#) | Full Text: [PDF\(448 KB\)](#) IEEE CNF
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4. **An interference suppressor for CW and narrow-band signals using filter I communications**
 Kohri, T.;
Spread Spectrum Techniques and Applications, 1994. IEEE ISSSTA '94., IEEE International Symposium on
 4-6 July 1994 Page(s):521 - 525 vol.2
 Digital Object Identifier 10.1109/ISSSTA.1994.379531
[AbstractPlus](#) | Full Text: [PDF\(248 KB\)](#) IEEE CNF
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5. **Essential limitations to signal detection and estimation: An application to narrow-band interference suppression**
 Chen, X.; Guo, W.; Zheng, Y.;
Communications, Circuits and Systems and West Sino Expositions, IEEE 2002 Conference on
 Volume 1, 29 June-1 July 2002 Page(s):247 - 251 vol.1
[AbstractPlus](#) | Full Text: [PDF\(389 KB\)](#) IEEE CNF
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ice environmental noise problem
Dwyer, R.F.;
[Proceedings of the IEEE](#)
Volume 72, Issue 11, Nov. 1984 Page(s):1657 - 1660
[AbstractPlus](#) | [Full Text: PDF\(580 KB\)](#) | [IEEE JNL](#)
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6. An FFT based technique for suppressing narrow-band interference in PN spectrum communications systems
DiPietro, R.C.;
[Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., 1989 International Conference on](#)
23-26 May 1989 Page(s):1360 - 1363 vol.2
Digital Object Identifier 10.1109/ICASSP.1989.266690
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7. Narrow-band interference rejection in orthogonal multi-carrier spread-spectrum communications
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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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